



"JAWORSKI, MARK"
<MJAWORSK@idem.IN.gov>
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To LAURA RIPLEY/R5/USEPA/US@EPA
cc
bcc

EPA Region 5 Records Ctr.



309322

Subject Sanborn Map Review

In July 2007, Mike Sickels, IDEM RCRA Corrective Action, and I conducted a brief review of 1930 Sanborn Maps to determine if there are any other potential sources of lead near the former USS Lead facility that may have adversely impacted the surrounding soils. The Sanborn Maps are on microfilm and can be viewed at the Indiana State Library located in Indianapolis, Indiana. The review of the maps revealed the presence of at least five other facilities that were involved with lead processing activities in the past. The facilities are Anaconda, International Lead Products, Eagle Picher, Metals Refining, and US Reduction. Copies of the Sandborn maps showing these five facilities are attached. Below are brief findings regarding these facilities.

The Glidden Co.; Metals Refining. Inc. Division

Sanborn maps show that Metals Refining, Inc. recycled lead at the site in 1930. The maps indicate that an oxidizing plant and a refinery had operated at this site. A metal powder blending area, an iron powder facility, and other processes were utilized. . Historical research indicated that lead smelting has occurred at the site.

United States Reduction (US Reduction)

According to 1930 Sanborn maps, US Reduction was a manufacturer of white metal. The facility consisted of an evaporating building, ore storage areas, an oil tank room, ingot storage, a machine shop, a melting area, other metal storage buildings, and an ore mill. No other historical information was found.

Anaconda Lead Products/International Lead Products

According to 1930 Sanborn maps, Anaconda Lead Products / International Lead Products were manufacturers of white lead and zinc oxide. The facility(ies) consisted of a pulverizing mill, white lead storage areas, an electrical substation, a lowden drier building, several water towers, an electrolytic building consisting of a tank room and a cell room, a chemical laboratory, a machine shop, a zinc oxide experimental unit building, a furnace, several settlers, a motor room, offices, and other miscellaneous buildings and processing areas. Note that no property line exists on the Sanborn Map between Anaconda and International Lead. It is assumed that both facilities had worked closely together. No other historical information was found.

Metals Thermit Corporation

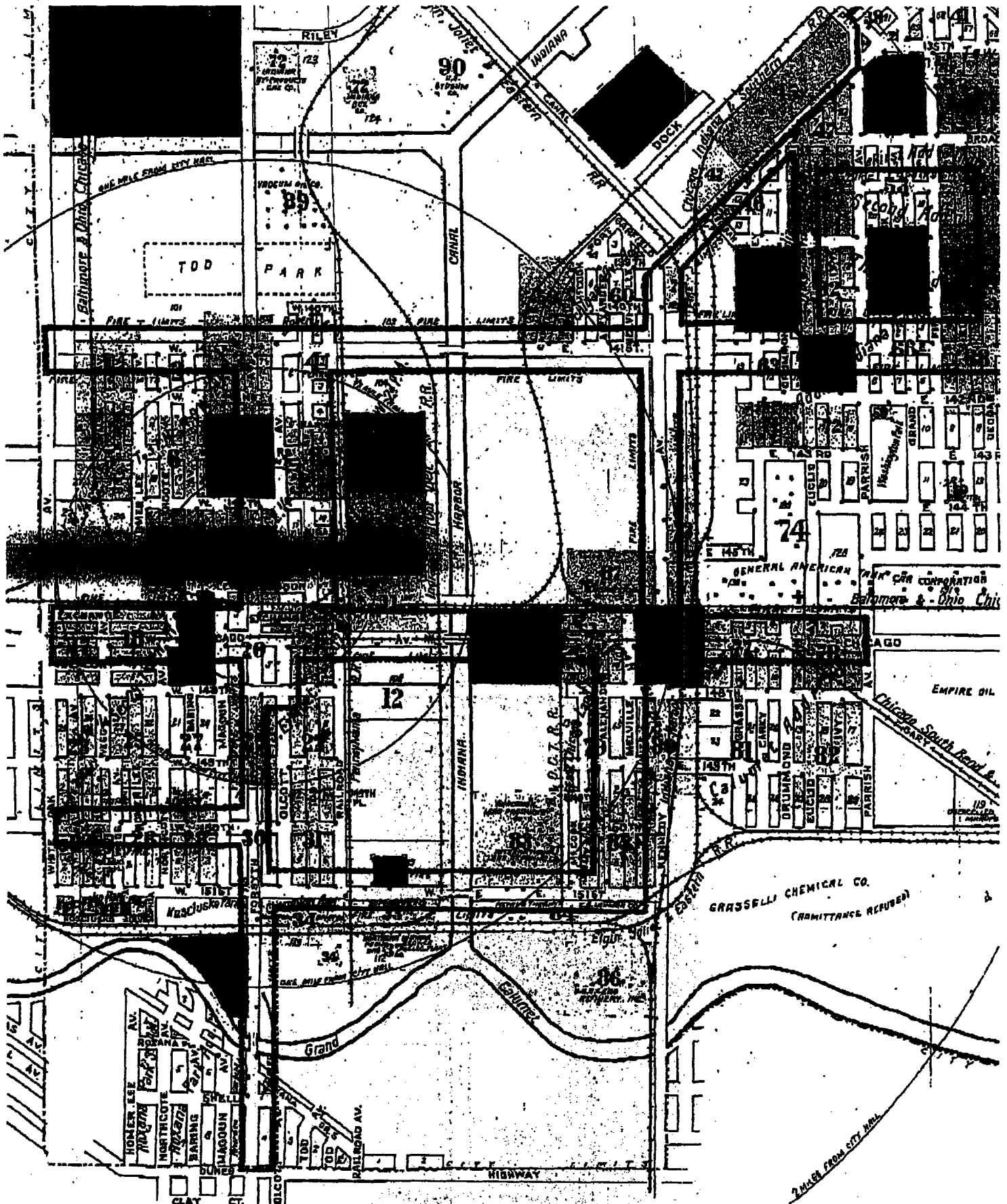
The Metal Thermit Corporation operated a detinning plant. The facility consisted of a smelter, a general laboratory, a raw materials room, a general repair shop, an engine room, offices, and other miscellaneous buildings and processing areas.



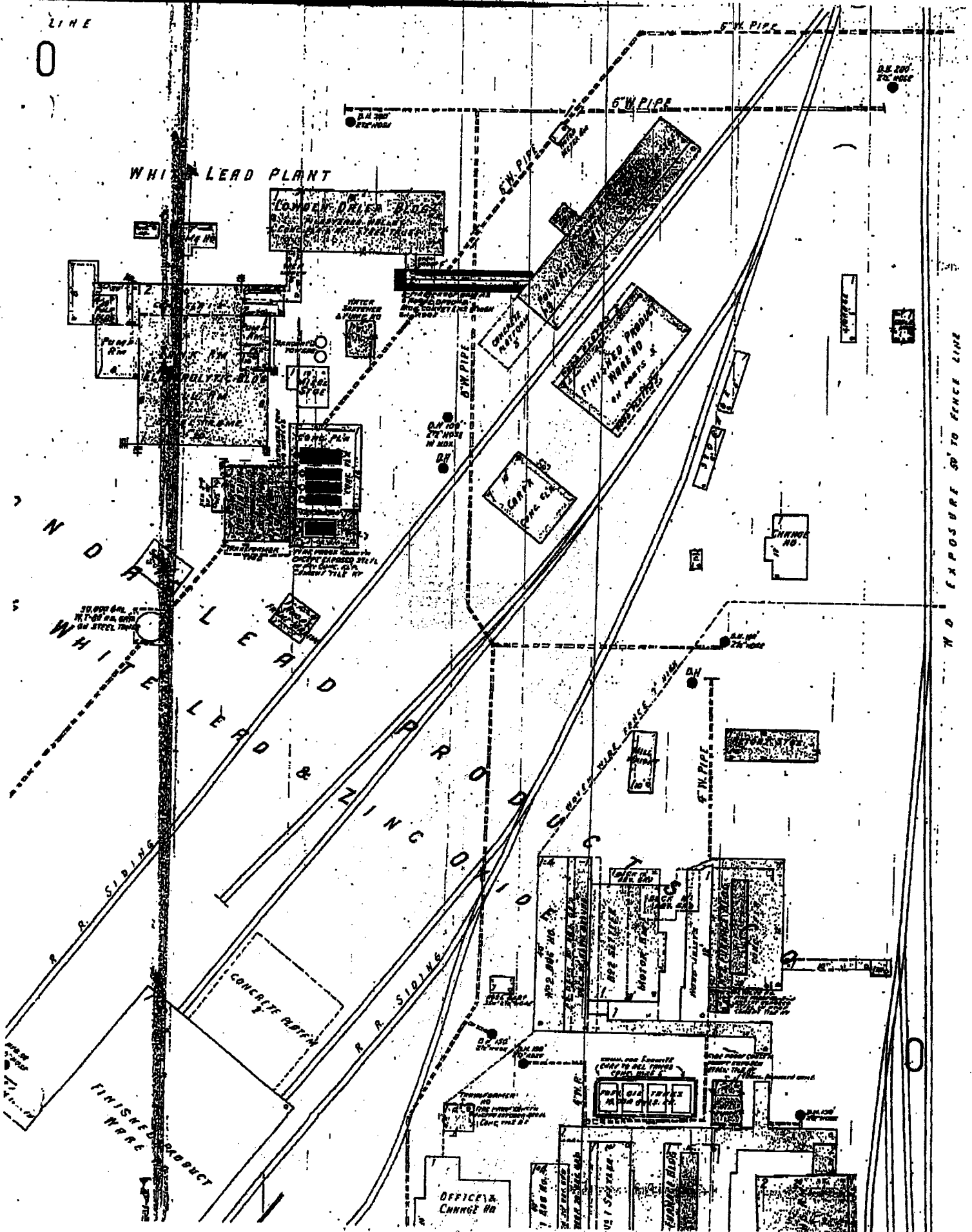
USS Lead Surrounding Area Sanborn maps.pdf

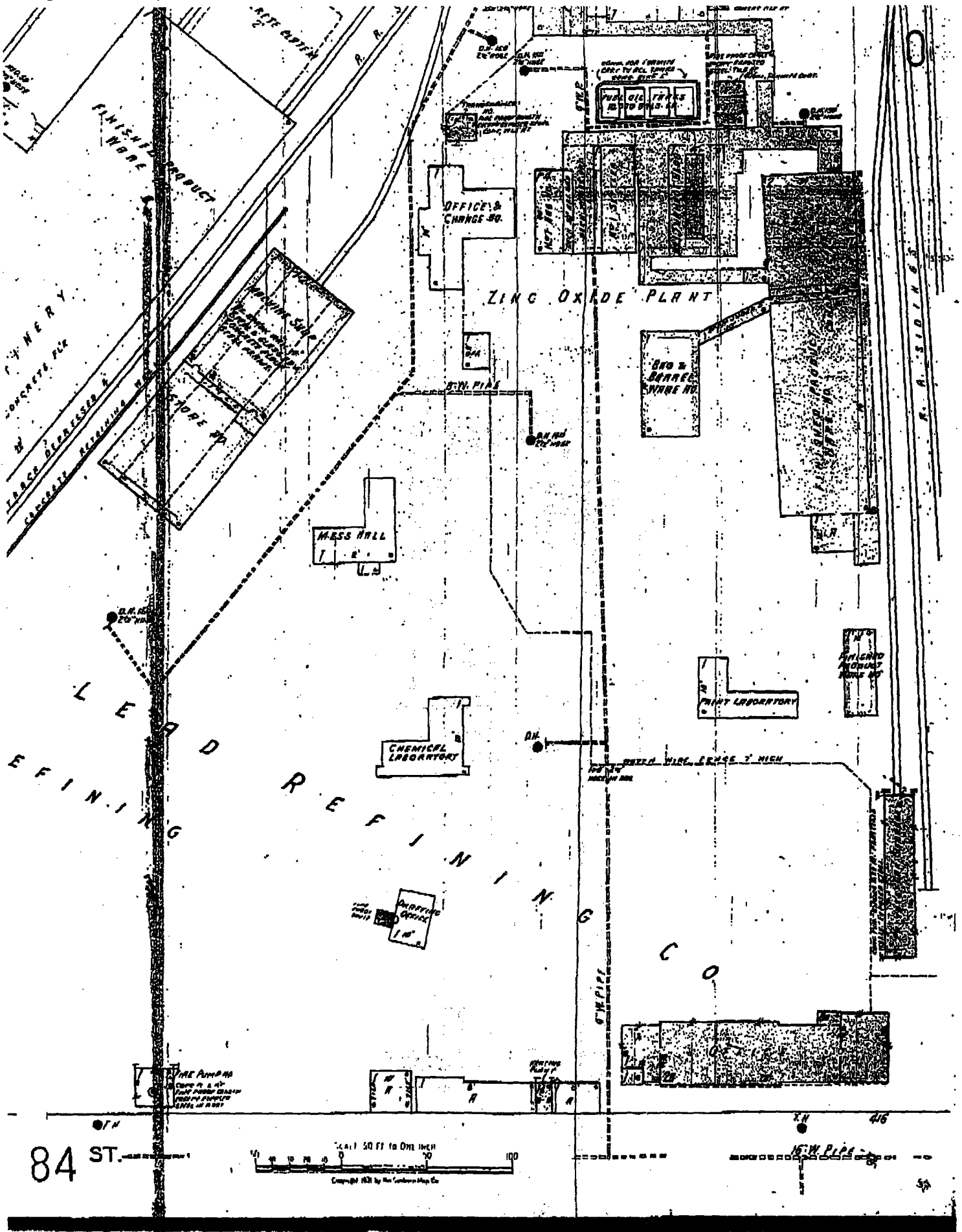
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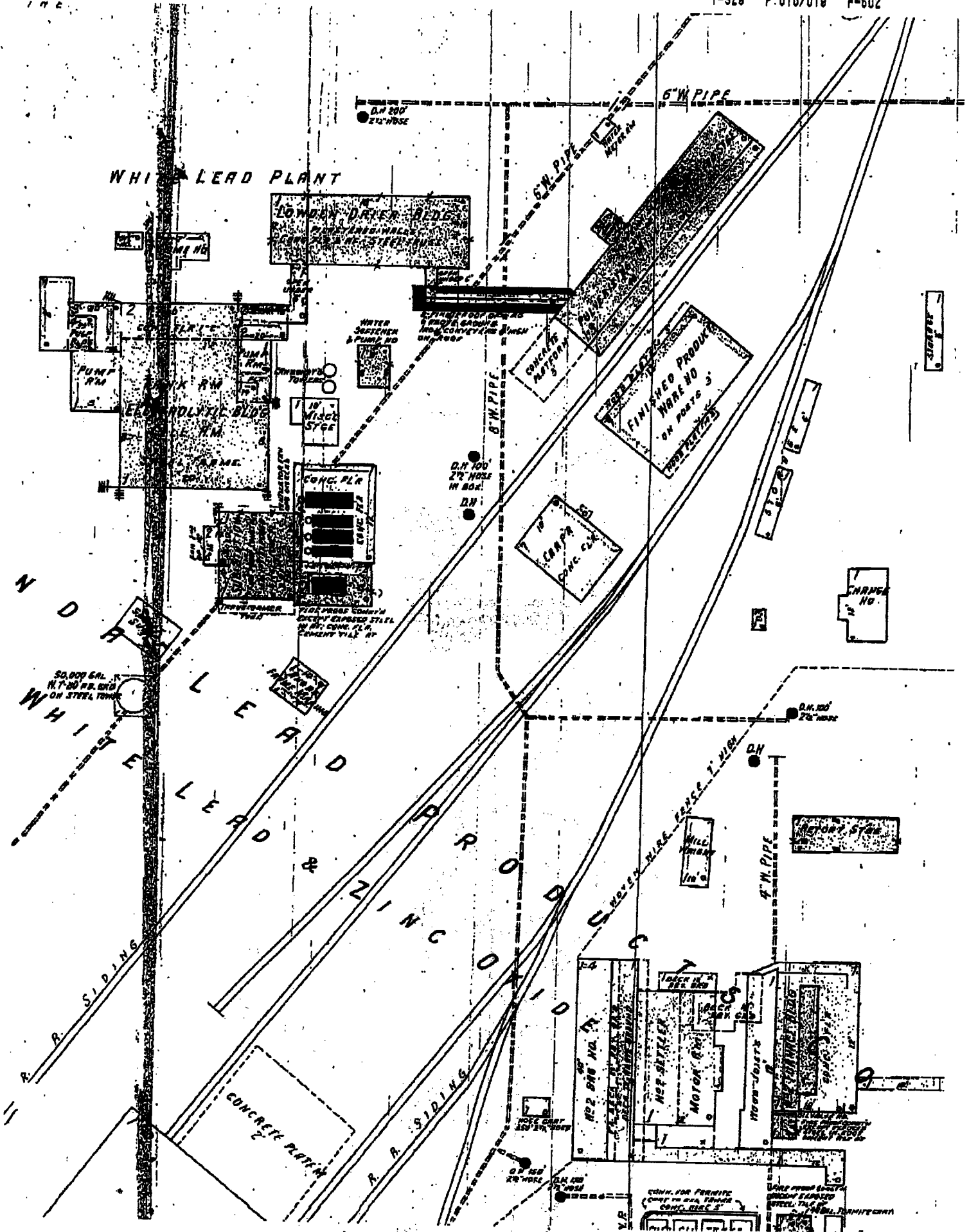
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SEE MAP OF HAMMOND, IND. VOL.







EST CHICAGO, IND.

83

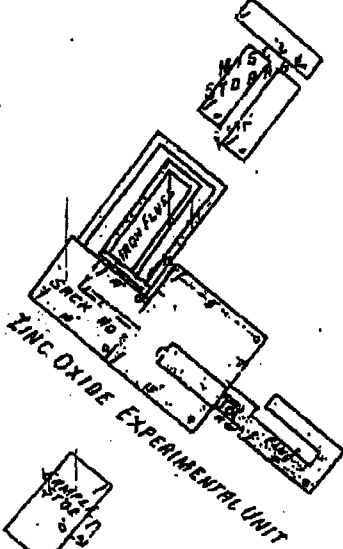
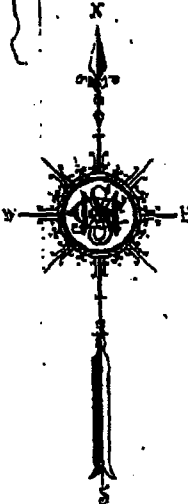
(19-136)

NO EXPOSURE TO NORTH FENCE LINE

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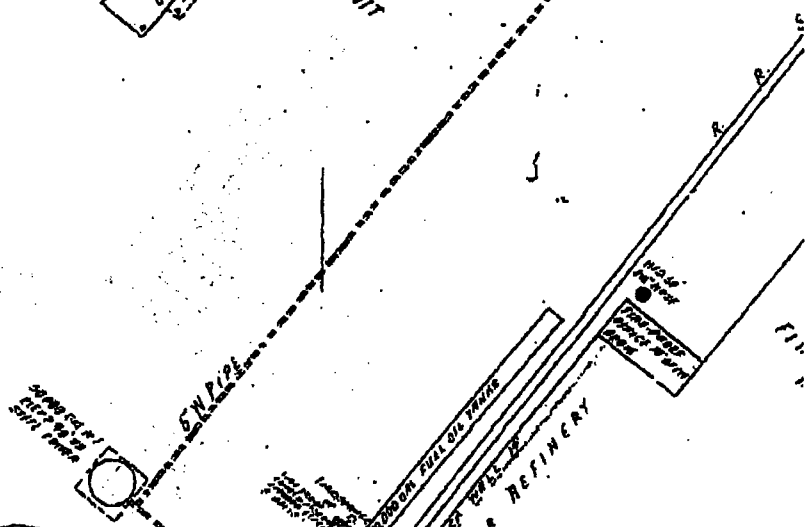
PUMP & SURVEY WATCHMAN APPROVED SIGNATURE

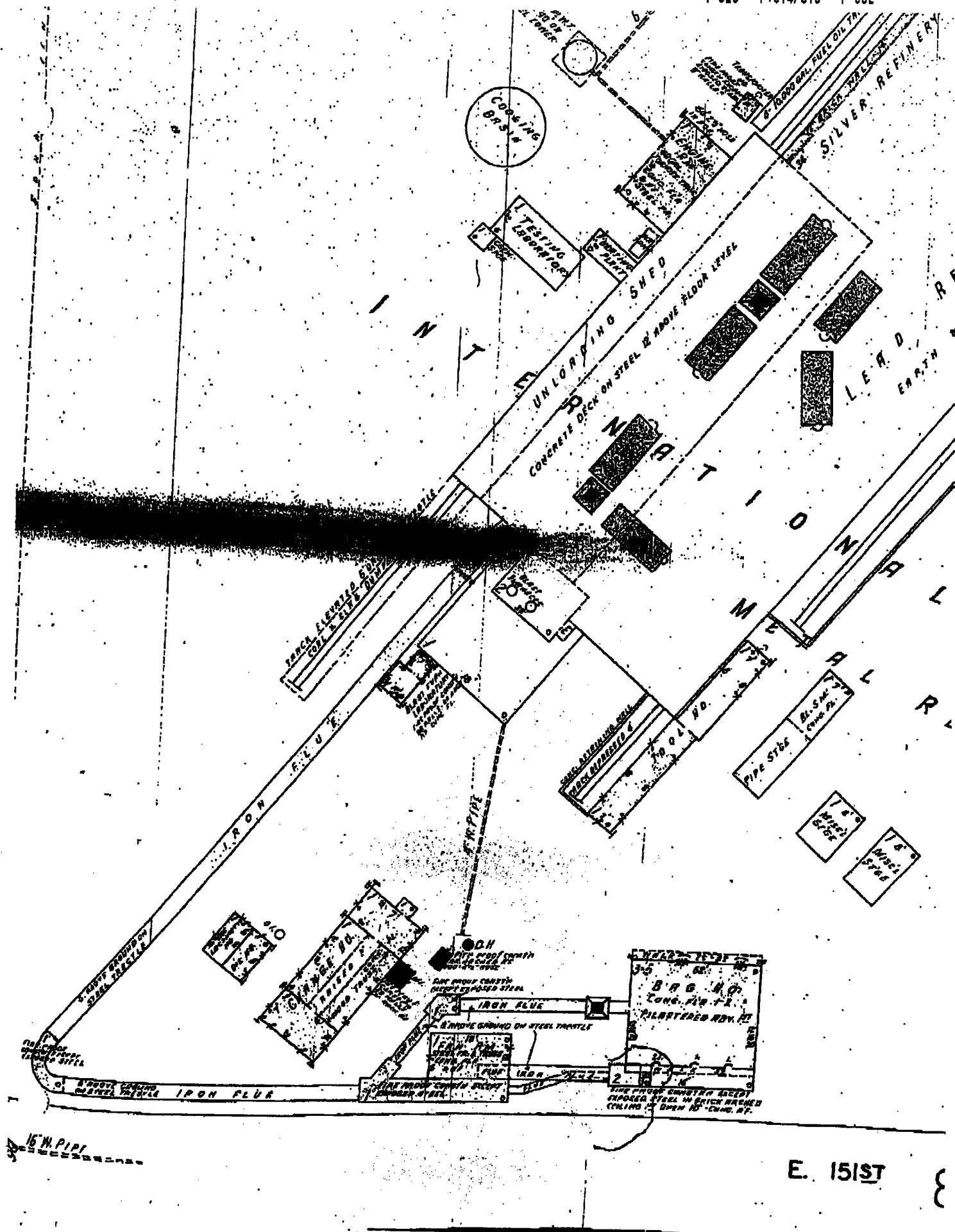
1. 6 1/2" DIA. TANK 1-50,000 GAL. TANK ELEVATED 40' &
1-50,000 GAL. TANK ELEVATED 20' WITH CAPVAC: HIGH PRESSURE
SYSTEM HAS 1-6" DIA. TANK TO BOWLS ELEC. CENTRIFUGAL
PUMP CAPAC: 1000 G.P.M. AT 100 L.B.S.

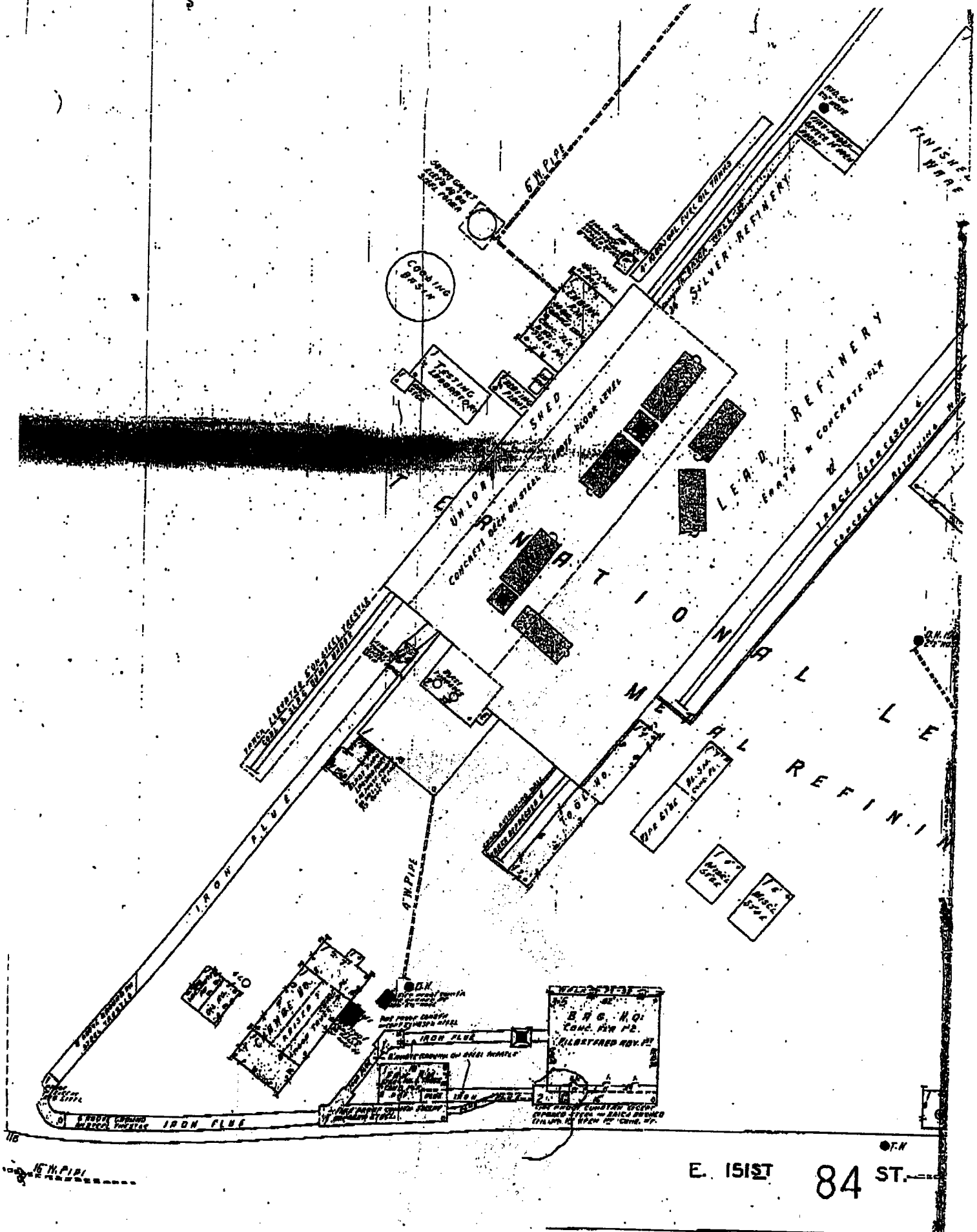


ANACOND
MFG
WHI

50,000
N.T. 5000
ON STEEL







E. 151ST

84 ST.

